



National Weather Service

Storm Data and Unusual Weather Phenomena



June 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ILLINOIS, South									
POPE County									
3 N GOLCONDA	02	2044CST			0	0			Hail (1.00)
JACKSON County									
DOWELL	09	1711CST			0	0			Hail (1.00)
FRANKLIN County									
WEST FRANKFORT	09	1746CST			0	0			Hail (1.75)
WILLIAMSON County									
CORINTH	09	1802CST			0	0	20K		THUNDERSTORM WIND (G55)
Siding and roofing was torn off a small church. Large tree limbs were blown down.									
FRANKLIN County									
ZEIGLER	09	1815CST			0	0	40K		THUNDERSTORM WIND (G55)
A barn was blown down. Numerous trees and power lines were downed.									
JACKSON County									
CAMPBELL HILL	12	1805CST			0	0			Hail (1.00)
PERRY County									
WILLISVILLE	12	1805CST			0	0			Hail (0.75)
JACKSON County									
(MDH)CRBN DL/MRFY	12	1837CST			0	0	50K		THUNDERSTORM WIND (G56)
Trees were blown down in the city of Carbondale.									
JACKSON County									
DE SOTO to CARBONDALE	12	1840CST			0	0	40K		Hail (1.00)
Hail the size of quarters covered the ground at DeSoto. Vehicles were dented by hail in Carbondale.									
WAYNE County									
FAIRFIELD to 3 N ELLERY	12	1840CST			0	0	15K		THUNDERSTORM WIND (G55)
Trees were blown down across parts of Wayne County. Some rural residences were damaged, mainly by falling trees, from the Fairfield area to Mount Erie and east.									
WABASH County									
GARDS PT to PATTON	12	1900CST 1915CST			0	0	80K		THUNDERSTORM WIND
Straight-line damaging winds across the county resulted in numerous downed trees and several destroyed barns. In Mt. Carmel, considerable damage was caused by large tree limbs striking vehicles and residences. A number of streets were blocked by downed trees.									
WABASH County									
1 N PATTON to 1 NNE PATTON	12	1909CST 1910CST	0.3	30	0	0	2K		Tornado (F0)
A weak, short-lived tornado downed some trees, but no structural damage was reported.									
WILLIAMSON County									
5 S MARION to 6 SSE MARION	12	1915CST 1920CST	2	100	0	0	100K		Tornado (F1)
The tornado touched down half a mile east of Illinois Route 37 in the community of Hudgens and moved east-southeast for 2 miles. Damage occurred at several residences in Hudgens. At the first residence, several trees were uprooted, a couple of which were 50 feet tall. Siding on a barn was damaged by flying debris. At a second residence, decking was ripped off a porch, and shingles were blown off. Several large trees were snapped, and a dog house was blown about 40 feet. At a third residence, a barn was demolished with debris scattered in all directions. A vehicle was damaged by flying lawn furniture. At a fourth residence, the fascia on the west eave of the house was found about 300 feet northwest of the house wrapped around a tree trunk. At the fifth residence in Hudgens, a huge oak tree fell on top of a camper, and two other large oak trees were snapped. The only other damage, which occurred at a residence near the end of the track, was significant. A tree caused major roof damage to the house, and a nearby barn lost siding and roofing. Loose objects such as trash cans, lawn chairs, and child's toys were found up to a quarter mile away. Witnesses reported seeing rotating clouds about the time the damage occurred. Peak wind speeds were estimated between 90 and 100 MPH.									
EDWARDS County									
ALBION to 4 S ALBION	12	1920CST			0	1	50K		THUNDERSTORM WIND (G61)



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ILLINOIS, South

One mobile home was demolished and numerous trees were blown down in and around Albion. One occupant of the mobile home received cuts and bruises after the mobile home rolled over twice and came to rest about 50 feet from its original location. On the White County line, just north of Grayville, a wind gust to 69 MPH was clocked. Numerous streets were blocked by downed trees and limbs.

SALINE County STONEFORT	12	1926CST			0	0			FUNNEL CLOUD
The funnel cloud was associated with the same supercell thunderstorm that produced a tornado just south of Marion.									
WILLIAMSON County 3.5 S MARION	12	1930CST			0	0	25K		THUNDERSTORM WIND (G61)
Numerous large trees were blown down along Illinois Route 37. A metal roof was completely torn off an antique shop. A retired airline pilot estimated gusts were up to 70 MPH.									
SALINE County STONEFORT	12	1950CST			0	0			THUNDERSTORM WIND (G50)
Several trees and some tree limbs were blown down.									
PULASKI County MOUND CITY	12	2045CST			0	0	4K		THUNDERSTORM WIND (G50)
Several trees were blown down.									
ALEXANDER County 3 N URBAN DALE	12	2050CST			0	0	5K		THUNDERSTORM WIND (G52)
A co-operative observer reported several trees down over power lines.									
UNION County 1 E ANNA	14	1604CST			0	0			FUNNEL CLOUD
State police reported a funnel cloud near the intersection of U.S. 51 and Illinois 146.									
JACKSON County MURPHYSBORO	14	1623CST			0	0	5K		THUNDERSTORM WIND (G57)
A wind gust to 66 MPH was recorded at the Murphysboro Emergency Operations Center. Tree limbs were blown down, and two police vehicles were damaged by wind-driven debris.									
JOHNSON County GOREVILLE	14	1625CST			0	0			Hail (0.75)
JOHNSON County NEW BURNSIDE to SIMPSON	14	1628CST			0	0	60K		THUNDERSTORM WIND (G55)
Numerous trees were down across northern and eastern parts of the county. Two garages were heavily damaged, along with some structural damage to five homes. Trees blocked twelve county roads and U.S. Highway 45.									
JOHNSON County 2 E TUNNEL HILL to 2.3 E TUNNEL HILL	14	1635CST 1636CST	0.3	30	0	0	5K		Tornado (F0)
The brief touchdown occurred just east of Tunnel Hill. Numerous trees were down, and a garage was damaged.									
UNION County 3 S WARE	14	1655CST			0	0	3K		THUNDERSTORM WIND (G52)
State police estimated wind gusts to 60 MPH. At least one large tree was blown down.									
HARDIN County CAVE IN ROCK to ELIZABETH TOWN	14	1726CST			0	0	40K		Hail (2.00)
Large hail fell, measuring up to 2 inches in diameter at Elizabethtown. The hail shredded some gardens and likely dented vehicles.									
HARDIN County CAVE IN ROCK	14	1726CST			0	0	5K		THUNDERSTORM WIND
Trees were blown down, blocking a few roads, including Illinois Routes 1 and 146.									
POPE County EDDYVILLE to 2 S EDDYVILLE	14	1732CST			0	0	20K		THUNDERSTORM WIND (G60)



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ILLINOIS, South									
Thunderstorm winds downed trees and blew a roof off a building.									
ILZ087-091>094	GALLATIN - HARDIN - ALEXANDER - PULASKI - MASSAC								
	15	0800CST			0	0			FLOOD
	30	2359CST							
The Ohio River crested 2 to 4 feet above flood stage at Shawneetown, Grand Chain, and Cairo between June 21 and 25. This resulted in minor agricultural bottomland flooding.									
ILZ084	JACKSON								
	15	2000CST			0	0			FLOOD
	30	2359CST							
The Big Muddy River crested at 21.6 feet at Murphysboro on June 26. Flood stage there is 16 feet. This resulted in moderate flooding of agricultural bottomland. River levels were kept high due to backwater from the Mississippi River, which was also above flood stage.									
ILZ078	WABASH								
	18	0600CST			0	0	40K		FLOOD
	30	0800CST							
The Wabash River crested about 10 feet above flood stage at Mount Carmel on the 24th. This resulted in extensive flooding of agricultural bottomland, and several local farm levees were topped. Flood stage at Mt. Carmel is 19 feet, and the crest was near 29 feet.									
JEFFERSON County									
DIX	18	2240CST			0	0			THUNDERSTORM WIND (G52)
Several trees were blown down in the Dix area.									
WILLIAMSON County									
HERRIN	20	0145CST			0	0			THUNDERSTORM WIND (G56)
Wind gusts up to 65 MPH were observed.									
FRANKLIN County									
ROYALTON to ZEIGLER	20	0155CST 0202CST			0	0	10K		THUNDERSTORM WIND (G50)
Gusts up to 58 MPH downed power lines in Zeigler, and a tree fell on a car in Royalton.									
WILLIAMSON County									
BLAIRSVILLE to 2 S CAMBRIA	20	0212CST			0	0	3K		THUNDERSTORM WIND (G50)
Trees were blown down.									
SALINE County									
HARRISBURG	20	0248CST			0	0			THUNDERSTORM WIND (G52)
Trees were blown down.									
SALINE County									
CARRIERS MILLS	21	0250CST			0	0	5K		THUNDERSTORM WIND (G55)
Numerous trees and power lines were blown down.									
SALINE County									
HARRISBURG	21	0302CST			0	0	100K		THUNDERSTORM WIND (G87)
A thunderstorm produced wind gusts estimated near 100 MPH in Harrisburg. Hundreds of trees were uprooted or snapped. Some of the trees were up to 5 feet in diameter. Several utility poles were blown over or snapped. A few storage barns and garages were blown off their foundations. Weak structures such as small sheds were completely destroyed. Numerous power lines were down, knocking out power to an estimated 35,000 people. The damage path ranged from 3/4 to 1 mile wide, and between 4 and 5 miles long.									
MASSAC County									
METROPOLIS	21	0345CST			0	0	20K		THUNDERSTORM WIND (G52)
A tree 2 to 3 feet in diameter fell on a house. Two trailers were damaged by wind.									
ILZ084-088-092	JACKSON - UNION - ALEXANDER								
	21	0900CST			0	0			FLOOD
	30	2000CST							
The Mississippi River crested at 35.4 feet at Thebes on June 26. Flood stage there is 33 feet. This resulted in minor flooding of agricultural bottomland.									



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ILLINOIS, South									
ILZ075>078-080>094									
JEFFERSON - WAYNE - EDWARDS - WABASH - PERRY - FRANKLIN - HAMILTON - WHITE - JACKSON - WILLIAMSON - SALINE - GALLATIN - UNION - JOHNSON - POPE - HARDIN - ALEXANDER - PULASKI - MASSAC									
	22	0900CST			1	0			EXCESSIVE HEAT
	29	1800CST							
Temperatures exceeded 90 degrees for at least 7 consecutive days. Oppressive humidity produced heat indices as high as 110 degrees. The prolonged heat and humidity resulted in the death of an elderly man in Johnston City, near Marion. The coroner measured the temperature in his apartment, where his body was found, at 110 degrees. M83PH									
WAYNE County									
ORCHARDVILLE	22	1900CST			0	0	15K		THUNDERSTORM WIND (G59)
Trees were uprooted, and a home was damaged.									
WAYNE County									
2 S CISNE to 2.5 SE CISNE	22	1944CST 1948CST	0.5	40	0	0			Tornado (F0)
A brief tornado touchdown was observed by emergency personnel. The touchdown was in open country and produced only tree damage.									
WAYNE County									
MT ERIE	22	2003CST			0	0			Hail (0.88)
FRANKLIN County									
BENTON	22	2020CST			0	0			Hail (1.00)
FRANKLIN County									
BENTON	22	2030CST			0	0			THUNDERSTORM WIND (G50)
Three trees were down.									
WABASH County									
MT CARMEL	22	2055CST			0	0	4K		THUNDERSTORM WIND (G50)
A few trees and limbs were down. A tree fell across Illinois Route 1 north of Mt. Carmel, blocking traffic for about 30 minutes.									
EDWARDS County									
ALBION	22	2200CST 2345CST			0	0			FLASH FLOOD
WAYNE County									
CISNE	22	2200CST 2345CST			0	0			FLASH FLOOD
WABASH County									
MT CARMEL	22	2215CST 2345CST			0	0			FLASH FLOOD
Slow-moving thunderstorms produced heavy rainfall, estimated up to 2 inches per hour in spots. Flooding of roads was a problem in the Mt. Carmel area. In Edwards County, water was over Route 130 in spots.									
WAYNE County									
CISNE to MT ERIE	29	1835CST			0	0	3K		THUNDERSTORM WIND (G52)
Several trees were blown down in northern parts of the county.									
JEFFERSON County									
DIX	29	1910CST			0	0	7K		THUNDERSTORM WIND (G52)
Numerous trees and power lines were down in northern parts of the county.									
FRANKLIN County									
SESSER to CHRISTOPHER	29	2007CST			0	0			FUNNEL CLOUD
The funnel cloud was observed by emergency services personnel.									
GALLATIN County									
SHAWNEETOWN	29	2030CST			0	0	3K		THUNDERSTORM WIND (G54)
Wind gusts to 65 MPH downed trees and power lines.									
FRANKLIN County									
WEST FRANKFORT	29 30	2145CST 0330CST			0	0	100K		FLASH FLOOD



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ILLINOIS, South							
JACKSON County CARBONDALE	29 30	2145CST 0330CST			0 0	100K	FLASH FLOOD
PERRY County DU QUOIN	29 30	2145CST 0030CST			0 0	50K	FLASH FLOOD
WILLIAMSON County CRAB ORCHARD	29 30	2145CST 0330CST			0 0	50K	FLASH FLOOD
Thunderstorms repeatedly moved over the same areas, causing excessive rainfall amounts over 3 inches in 3 hours. Numerous roads were flooded from DuQuoin to West Frankfort. The flooding was widespread around West Frankfort and DuQuoin, where several feet of water covered some streets. A cooperative observer for the National Weather Service measured 4.7 inches of rain in DuQuoin, most of which fell within two hours. In downtown Carbondale, cars were flooded and water rose within the city's new city hall and civic center. There was an unconfirmed report of 3.5 inches in Carbondale between 10:30 P.M. and midnight. At Southern Illinois University in Carbondale, the basements and ground floors of many of the 24 buildings on campus were saturated from substantial flooding. The Recreation Center suffered the most damage, including indoor basketball and racquetball courts. In Williamson County, more than 4 inches of rain fell at a television station just west of Marion.							
GALLATIN County SHAWNEETOWN	29 30	2245CST 0300CST			0 0	10K	FLASH FLOOD
HARDIN County ELIZABETHTOWN	29 30	2245CST 0300CST			0 0		FLASH FLOOD
POPE County EDDYVILLE	29 30	2245CST 0300CST			0 0		FLASH FLOOD
SALINE County HARRISBURG	29 30	2245CST 0300CST			0 0		FLASH FLOOD
JOHNSON County VIENNA	29 30	2345CST 0300CST			0 0		FLASH FLOOD
UNION County ANNA	29 30	2345CST 0300CST			0 0		FLASH FLOOD
Thunderstorms that caused major flash flooding to the northwest, especially Franklin and Perry Counties, moved southeast across parts of southeast Illinois. There were reports of flooded roads and near bankful conditions.							
UNION County 1.5 S ANNA	29	2248CST			0 0	30K	THUNDERSTORM WIND (G55)
A fruit orchard sustained extensive damage. Many apple trees were uprooted or snapped, and a portion of a barn roof was peeled back.							

INDIANA, Southwest

GIBSON County PRINCETON to OAKLAND CITY	12	1929CST 1942CST			0 2	500K	THUNDERSTORM WIND
Very damaging thunderstorm winds in excess of 70 MPH affected a narrow swath of Gibson County from near Princeton to Oakland City. Two trailers were destroyed, numerous trees were downed, and 40 to 50 homes were damaged. About 90 percent of the town of Princeton was without power. Midnight curfews were enacted in Oakland City and Patoka. Indiana Route 64 was closed due to debris on the roadway. Grain bins were blown over near Princeton. Most of the house damage was a result of falling trees. A few houses had roofs ripped off. Oakland City was hit very hard, with hundreds of trees blown down, some on houses and vehicles.							
PIKE County PETERSBURG to WINSLOW	12	2000CST 2015CST			0 0	10K	THUNDERSTORM WIND (G57)
Numerous trees were down across the county. State police reported trees across State Routes 56 and 57. Wind gusts to 65 MPH were clocked in Winslow.							



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INDIANA, Southwest							
WARRICK County LYNNVILLE	12	2015CST 2030CST			0 0	5K	THUNDERSTORM WIND (G52)
Thunderstorm winds downed numerous trees and power lines in northern Warrick County, mainly around Lynnville.							
SPENCER County DALE to ST MEINRAD	12	2030CST 2043CST			0 0	40K	THUNDERSTORM WIND (G55)
Numerous trees and tree limbs were downed across northern Spencer County. Homes and buildings were damaged by toppled tree limbs near Dale and Santa Claus. A roof was torn off a home near St. Meinrad.							
VANDERBURGH County EVANSVILLE to 3 E EVANSVILLE	14	1822CST			0 0	3K	THUNDERSTORM WIND (G50)
Several trees were blown down in Evansville. Emergency management officials reported wind gusts to 58 MPH just east of Evansville near the Warrick County line.							
WARRICK County PARADISE to NEWBURGH	14	1830CST			0 0	25K	THUNDERSTORM WIND (G61)
A wind gust to 70 MPH was recorded at Newburgh Lock and Dam on the Ohio River. Trees and power lines were reported down in Newburgh, Paradise, Boonville, and Chandler. Indiana Route 62 was blocked by a fallen tree near Chandler.							
INZ082	PIKE						
	16 28	0200CST 2200CST			1 0	50K	FLOOD
The White River rose well out of its banks, closing portions of some roads, including Indiana Route 257, about 4 miles northeast of Algiers in Pike County. A 29-year-old male drove his vehicle around barricades on Route 257 and drowned while attempting to cross flooded portions of the road. The incident occurred about 1/4 mile south of the east fork of the White River shortly after noon on June 22. At Petersburg, where flood stage is 16 feet, the river crested around 24 feet around June 23.							
M29VE							
INZ081-085	GIBSON - POSEY						
	19 30	0800CST 2359CST			0 0	10K	FLOOD
The Wabash River crested at New Harmony at 19.8 feet on June 25. Flood stage there is 15 feet. This resulted in extensive flooding of agricultural bottomland, and some local farm levees were topped. In addition, campgrounds of New Harmony State Park were flooded.							
GIBSON County PRINCETON	22	2215CST			0 0	2K	THUNDERSTORM WIND (G52)
Wind gusts up to 60 MPH occurred at Princeton.							
PIKE County PETERSBURG	22	2240CST			0 1		LIGHTNING
A trained storm spotter was injured by lightning. The injuries were not life-threatening.							
GIBSON County HAUBSTADT	22	2259CST			0 0	3K	THUNDERSTORM WIND (G52)
Power poles were down.							
PIKE County WINSLOW	22	2305CST			0 0	4K	THUNDERSTORM WIND (G69)
Wind gusts to 80 MPH downed trees.							
VANDERBURGH County EVANSVILLE	22	2315CST			0 0	5K	THUNDERSTORM WIND (G52)
A tree was down, along with numerous limbs and power lines.							
WARRICK County BOONVILLE	22	2322CST			0 0	3K	THUNDERSTORM WIND (G50)
Power lines were down.							



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INDIANA, Southwest

VANDERBURGH County

EVANSVILLE	23	0005CST 0230CST			0	0	10K		FLASH FLOOD
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GIBSON County

PRINCETON	23	0015CST 0230CST			0	0	5K		FLASH FLOOD
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WARRICK County

BOONVILLE	23	0015CST 0230CST			0	0	5K		FLASH FLOOD
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SPENCER County

ROCKPORT	23	0040CST 0230CST			0	0	5K		FLASH FLOOD
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Slow-moving thunderstorms produced very heavy rainfall. Amounts were estimated to range up to 2 inches per hour, with totals over 3 inches. State police reported numerous flooded roadways, some of which were closed. Interstate 164 southbound near mile marker 19 was under water as was U.S. 41 near Stacer Road.

GIBSON County

PRINCETON	29	1920CST 1930CST			0	0	3K		THUNDERSTORM WIND (G54)
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Wind gusts estimated between 60 and 65 MPH downed a few trees.

KENTUCKY, Southwest

MUHLENBERG County

MIDLAND	02	2056CST			0	0			Hail (1.00)
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DAVISS County

UTICA	02	2106CST			0	0			Hail (0.88)
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MUHLENBERG County

GREENVILLE	02	2109CST			0	0			Hail (1.75)
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Golf ball size hail was reported on the Western Kentucky Parkway near Greenville.

LIVINGSTON County

JOY	02	2120CST			0	0			Hail (1.00)
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HOPKINS County

4 S NORTONVILLE	02	2120CST			0	0	30K		Hail (1.75)
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Gof ball size hail fell near the Christian County border on U.S. 41. Vehicles were dented.

CHRISTIAN County

CROFTON to MANNINGTON	02	2120CST			0	0	30K		Hail (1.75)
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Golf ball size hail dented vehicles and tore leaves from trees.

CRITTENDEN County

MEXICO	02	2133CST			0	0			Hail (1.00)
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TODD County

KIRKMANSVILLE	02	2140CST			0	0			Hail (2.75)
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Baseball size hail fell near Kirkmansville.

CALDWELL County

FREDONIA to FARMERSVILLE	02	2145CST			0	0			Hail (1.75)
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Numerous occurrences of golf ball size hail were reported in northern Caldwell County.

CALDWELL County

4 N COBB	02	2155CST			0	0			Hail (0.75)
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TRIGG County

CERULEAN	02	2215CST			0	0			Hail (1.75)
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					Killed	Injured	Property	Crops	

KENTUCKY, Southwest

CHRISTIAN County									
HOPKINSVILLE	02	2226CST			0	0			Hail (1.75)
GRAVES County									
WATER VLY	04	2330CST			0	0			THUNDERSTORM WIND (G55)
			Trees were blown down.						
CALDWELL County									
PRINCETON	09	0630CST 1200CST			0	0			FLASH FLOOD
CALLOWAY County									
MURRAY	09	0630CST 1200CST			0	0			FLASH FLOOD
MARSHALL County									
CALVERT CITY	09	0630CST 1200CST			0	0			FLASH FLOOD
CHRISTIAN County									
HOPKINSVILLE	09	0700CST 1800CST			0	0	100K		FLASH FLOOD
CRITTENDEN County									
MARION	09	0700CST 1200CST			0	0			FLASH FLOOD
GRAVES County									
MAYFIELD	09	0700CST 1200CST			0	0			FLASH FLOOD
HOPKINS County									
MADISONVILLE	09	0700CST 1000CST			0	0			FLASH FLOOD
LIVINGSTON County									
SMITHLAND	09	0700CST 0900CST			0	0			FLASH FLOOD
LYON County									
EDDYVILLE	09	0700CST 1200CST			0	0			FLASH FLOOD
MCCRACKEN County									
PADUCAH	09	0700CST 1200CST			0	0			FLASH FLOOD
MUHLENBERG County									
GREENVILLE	09	0700CST 1200CST			0	0			FLASH FLOOD
TODD County									
ELKTON	09	0700CST 1800CST			0	0			FLASH FLOOD
TRIGG County									
CADIZ	09	0700CST 1200CST			0	0			FLASH FLOOD

A large thunderstorm complex persisted over much of southwest Kentucky during the early morning hours. Very heavy rainfall amounts were observed, with generally 2 to 4 inches on average across the region. Most of this rain fell within a 4-hour period. Many instances of road flooding were reported. The most severe flooding occurred in the Hopkinsville area and Todd County, where radar estimated up to 5 inches fell. Many roads were closed, and homes were evacuated in Christian and Todd Counties.

KYZ017

CHRISTIAN

09	2100CST	0	0	100K	FLOOD
10	0600CST				

Thunderstorms that produced very heavy rain early on the 9th caused the Little River to flood during the early morning of the 10th. Floodwater entered about two dozen homes, and several others were evacuated as a precaution.

CHRISTIAN County									
HOPKINSVILLE	10	0815CST 1030CST			0	0			FLASH FLOOD



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June 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property Crops	Character of Storm
<u>KENTUCKY, Southwest</u>								
TODD County								
ELKTON	10	0815CST 1030CST			0	0		FLASH FLOOD
Thunderstorms moved over the Hopkinsville area, which received copious amounts of rain and major flash flooding 24 hours earlier. Rainfall amounts of an inch or two per hour caused a renewal of flooding problems. In Todd County, Highway 104 between Highway 181 and Highway 41 was impassable and closed. Water was over several other roads in Todd County.								
WEBSTER County								
TILDEN to DIXON	10	1530CST			0	0	5K	THUNDERSTORM WIND (G52)
Trees were blown down.								
MUHLENBERG County								
BREMEN to 3 NW CENTRAL CITY	10	1605CST 1610CST			0	0	10K	THUNDERSTORM WIND (G52)
About a dozen trees were blown down in the Bremen area. One of the trees fell on a house. A few trees fell on power lines.								
MUHLENBERG County								
BREMEN to CENTRAL CITY	10	1608CST 1614CST			0	0		FUNNEL CLOUD
A funnel cloud moved southeast from Bremen to Central City.								
MUHLENBERG County								
1 N POWDERLY to BEECHMONT	10	1612CST 1625CST	7.5	50	0	0	100K	Tornado (F1)
A rotating thunderstorm tracked from near the Hopkins County line at Bremen southeast across most of the county. A funnel cloud associated with this storm touched down in the Central City/Powderly area and lifted near Beechmont. The main effect of this storm was downed trees and limbs. About a half dozen buildings were damaged by falling trees or limbs. A garage collapsed in Powderly. Several vehicles were damaged, including two that were blown off the road. An estimate of the number of trees down ranged between 50 and 100. No injuries were reported.								
MUHLENBERG County								
CENTRAL CITY	10	1620CST			0	0		Hail (0.75)
MUHLENBERG County								
BEECHMONT	10	1635CST			0	0		Hail (1.00)
WEBSTER County								
3 N DIXON	11	1915CST			0	0	3K	THUNDERSTORM WIND (G50)
Several trees were blown down.								
GRAVES County								
2 SW MAYFIELD	11	1919CST			0	0	3K	THUNDERSTORM WIND (G52)
Several trees were blown down.								
CALLOWAY County								
2 N MURRAY	11	1948CST			0	0	4K	THUNDERSTORM WIND (G52)
Several trees were down, and sheet metal was blown off a building.								
CALLOWAY County								
7 E DEXTER	11	2005CST			0	0		THUNDERSTORM WIND (G50)
Spotters estimated a wind gust between 55 and 60 MPH just inside the county line near Kenlake State Resort Park.								
CALLOWAY County								
MURRAY	11	2020CST			0	0	4K	THUNDERSTORM WIND (G52)
Thunderstorm winds bent a flagpole and peeled metal roofing off a building at the Calloway County fairgrounds.								
UNION County								
1 NE UNIONTOWN	12	2106CST			0	0		THUNDERSTORM WIND (G52)
A barge operator on the Ohio River reported a gust to 60 MPH.								
BALLARD County								
BARLOW	12	2110CST			0	0	30K	THUNDERSTORM WIND (G50)



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June 1998

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<u>KENTUCKY, Southwest</u>									
Trees were down at several locations in the county. In the city of Barlow, there were several trees down, causing minor damage to some buildings. A vehicle was damaged when a tree fell on it.									
HENDERSON County HENDERSON	12	2118CST			0	0			Hail (0.75)
HENDERSON County HENDERSON to 3 E HENDERSON	12	2125CST			0	0	35K		THUNDERSTORM WIND (G52)
Numerous trees were blown down in and east of Henderson. Trees fell on vehicles at several locations in the city. East of the city, roads were blocked by downed limbs.									
MCCRACKEN County REIDLAND	12	2152CST			0	0	8K		THUNDERSTORM WIND (G52)
Emergency management personnel estimated wind gusts near 60 MPH. Many tree limbs up to 3 inches in diameter were blown down. A roof was damaged.									
CARLISLE County BARDWELL to CUNNINGHAM	12	2153CST 2215CST			0	0	5K		THUNDERSTORM WIND (G52)
Thunderstorm winds were estimated near 60 MPH. Eight to ten large trees were down in the Bardwell and Cunningham areas.									
GRAVES County SYMSONIA to MAYFIELD	12	2210CST 2220CST			0	0	5K		THUNDERSTORM WIND (G50)
Trees were down at several locations in the county, including the Symsonia area and the city of Mayfield.									
CALLOWAY County DEXTER	12	2232CST			0	0			THUNDERSTORM WIND (G52)
Winds were estimated near 60 MPH.									
MARSHALL County 1 W BREWERS to HARDIN	12	2245CST			0	0	5K		THUNDERSTORM WIND (G52)
Numerous trees were down at the intersection of Highways 58 and 80 as well as Highway 641 near Hardin.									
TRIGG County GOLDEN POND to 5 SW CADIZ	12	2255CST 2310CST			0	0	10K		THUNDERSTORM WIND (G55)
Numerous large trees were blown down. Some of the trees fell across power lines.									
CALLOWAY County 2 N MURRAY	12	2305CST			0	0	5K		THUNDERSTORM WIND (G52)
Tree limbs were down and signs were bent over. Winds were estimated around 60 MPH.									
CARLISLE County BARDWELL	12 13	2315CST 0200CST			0	0	10K		FLASH FLOOD
Thunderstorms caused creeks and streams to rise out of their banks, prompting the closure of at least one major road.									
CRITTENDEN County TOLU	14	1739CST			0	0	4K		Hail (1.75)
Golf ball size hail occurred. Tree limbs were down.									
UNION County STURGIS	14	1747CST			0	0	100K		THUNDERSTORM WIND (G60)
State police reported numerous trees and power lines were blown down. Siding was stripped from downtown businesses. Winds knocked over a wall and damaged bleachers at Sturgis Elementary School. An estimated 10 to 15 homes were damaged by felled trees, and other trees were down over roads. Roofs were ripped off storage buildings at a lumberyard, and some roofing material was blown three blocks down U.S. Highway 60. Sturgis was still cleaning up from wind damage that occurred during a thunderstorm on June 12.									
WEBSTER County CLAY	14	1800CST			0	0	25K		THUNDERSTORM WIND (G60)
Thunderstorm winds caused extensive damage to a house. Part of the house was unroofed, and a wall collapsed.									



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June 1998

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<u>KENTUCKY, Southwest</u>							
UNION County MORGANFIELD to 4 E MORGANFIELD	14	1810CST 1825CST			0 0	4K	THUNDERSTORM WIND (G52)
Numerous trees were downed near Morganfield and just east of there. Trees blocked U.S. Highway 60 near Union County High School, as well as a 3/4-mile stretch located about 2 miles east of Morganfield.							
HENDERSON County 1 NE HENDERSON	14	1815CST			0 0		Hail (0.75)
Dime size hail occurred on U.S. Route 60 on the northeast side of Henderson.							
HENDERSON County HENDERSON	14	1815CST			0 0	10K	THUNDERSTORM WIND (G50)
Trees fell on vehicles at several locations.							
MUHLENBERG County BREMEN to BEECHMONT	14	1830CST 1905CST			0 0	50K	THUNDERSTORM WIND (G52)
Numerous trees were blown down across the county. One of the hardest hit areas was Greenville, where about two dozen trees were down, including one on a house and one on a trailer. A few buildings were damaged in the Graham area. There were many downed power lines.							
FULTON County HICKMAN	14	1830CST			0 0		Hail (0.75)
HOPKINS County MADISONVILLE	14	1837CST			0 0		Hail (0.75)
FULTON County 4 E HICKMAN	14	1840CST			0 0	5K	THUNDERSTORM WIND (G55)
Dozens of trees were down between Cayce and Hickman.							
DAVIESS County MOSELEYVILLE to WHITESVILLE	14	1845CST 1910CST			0 0	20K	THUNDERSTORM WIND (G52)
Around 30 trees were blown down across southern Daviess County. A few of the trees fell on homes or across roads.							
DAVIESS County 2 W OWENSBORO	14	1900CST 2000CST			0 1	5K	FLASH FLOOD
Very heavy rains from a severe thunderstorm filled drainage ditches. An 8-year-old boy was swept into a drainage ditch and rescued by firefighters. He was taken by ambulance to a local hospital.							
CALLOWAY County KIRKSEY	19	0437CST			0 0		THUNDERSTORM WIND (G52)
A few trees were blown down.							
MARSHALL County 4 W CALVERT CITY	21	0300CST			0 0	10K	THUNDERSTORM WIND (G55)
Numerous trees were blown down. Minor home damage occurred, such as damaged siding.							
MCCRACKEN County LONE OAK to REIDLAND	21	0330CST 0345CST			0 0	5K	THUNDERSTORM WIND (G52)
Numerous large tree limbs and a few trees were blown down.							
HICKMAN County COLUMBUS	21	0350CST			0 0	20K	THUNDERSTORM WIND (G55)
An outbuilding was destroyed and a roof was damaged.							
KYZ001>022	FULTON - HICKMAN - CARLISLE - BALLARD - MCCRACKEN - GRAVES - LIVINGSTON - MARSHALL - CALLOWAY - CRITTENDEN - LYON - TRIGG - CALDWELL - UNION - WEBSTER - HOPKINS - CHRISTIAN - HENDERSON - DAVIESS - MCLEAN - MUHLENBERG - TODD						
	22	0100CST			1 0		EXCESSIVE HEAT
	29	2200CST					
Temperatures exceeded 90 degrees for at least 7 consecutive days. High humidity resulted in excessive heat indices approaching 110 degrees. Heat was blamed for the death of a 47-year-old Daviess County man who was mowing the lawn during the late afternoon. Demand for electricity approached or equalled record demands at most utility companies.							



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June 1998

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<u>KENTUCKY, Southwest</u>									
M47OU									
DAVIESS County									
MACEO	23	1555CST 1605CST			0	0			Hail (1.75)
Hail up to the size of golf balls fell in the Maceo area.									
UNION County									
MORGANFIELD	29	2037CST			0	0	5K		THUNDERSTORM WIND (G52)
Trees and power lines were down.									
DAVIESS County									
UTICA	29	2041CST			0	0			Hail (0.75)
WEBSTER County									
DIXON	29	2055CST			0	0	10K		THUNDERSTORM WIND (G55)
Thunderstorm winds caused major damage at Webster County High School. A section of roof about 30 by 100 feet was ripped off the center of the school. Some roofing was blown several hundred feet away.									
<u>MISSOURI, Southeast</u>									
CAPE GIRARDEAU County									
CAPE GIRARDEAU	09	0230CST			0	0	10K		THUNDERSTORM WIND (G50)
Numerous trees and limbs were blown down. About 7,000 utility customers lost power. A number of streets were blocked by downed trees.									
RIPLEY County									
FAIRDEALING	11	0230CST			0	0	40K		THUNDERSTORM WIND (G65)
Thunderstorm winds blew windows out of a store and overturned mobile homes. A post-storm survey conducted by local emergency managers indicated a microburst was the likely cause of the damage. The damage path was about half a mile long and 1.5 miles wide, centered half a mile east of Flatwoods. The damage path was oriented from south to north, and included numerous downed trees and power lines. A roof was blown off a mobile home.									
BUTLER County									
POPLAR BLUFF	11	0300CST			0	0	100K		THUNDERSTORM WIND (G55)
Numerous large trees were down, mainly in the south part of Poplar Bluff. A convenience store lost part of its roof. A tractor trailer was overturned. A garage was moved from its foundation and demolished. Several vehicles were damaged by falling trees.									
CAPE GIRARDEAU County									
4 NW CAPE GIRARDEAU	11	0430CST			0	0	50K		THUNDERSTORM WIND (G52)
Numerous trees were blown down in a concentrated area between Jackson and Cape Girardeau. There were no injuries. Several roofs and a boat were damaged in the storm.									
PERRY County									
PERRYVILLE	12	1918CST 1927CST			0	0	10K		THUNDERSTORM WIND (G54)
A wind gust to 63 MPH was measured in Perryville. Trees were blown down, including a few that fell on vehicles.									
STODDARD County									
2 E ADVANCE to PAINTON	12	2055CST			0	0			THUNDERSTORM WIND (G52)
A cooperative observer reported several trees down between Advance and Painton.									
SCOTT County									
COMMERCE to LUSK	12	2113CST 2136CST			0	0	100K		THUNDERSTORM WIND (G59)
Thunderstorms moved slowly south across the county, producing spotty but significant wind damage along their paths. In the community of Commerce, numerous trees and power lines were blown down in the north portion of town. One tree fell on a two-story home, and several trees were across roadways. A mobile home was moved several feet. In and around the community of Lusk, several large trees were down. One tree narrowly missed a house. Another fell across power lines. A farmer in this area recorded a wind gust to 68 MPH.									



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June 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
MISSOURI, Southeast									
MISSISSIPPI County 4 NE WYATT	12	2136CST			0	0	3K		THUNDERSTORM WIND
Near the Mississippi River just off U.S. Highway 60, three large trees were fractured about halfway from their base. A road sign, inserted in the ground on two 4 inch by 4 inch stakes, was snapped near the base.									
BUTLER County HARVIELL to POPLAR BLUFF	14	1530CST			0	0			Hail (1.00)
Nickel to quarter size hail fell from Harviell to Poplar Bluff.									
CAPE GIRARDEAU County NEELYS LNDG	14	1535CST			0	0			Hail (1.00)
Quarter size hail occurred on Route 177.									
BUTLER County STRINGTOWN	15	2040CST			0	0	4K		THUNDERSTORM WIND (G52)
An area about a mile wide and four miles long received heavy tree damage. About ten large trees were blown down across county roads.									
STODDARD County ADVANCE to BLOOMFIELD	19	0145CST			0	0	4K		THUNDERSTORM WIND (G50)
Large tree limbs and a large tree were blown down in northern Stoddard County.									
MOZ076-087-112	PERRY - CAPE GIRARDEAU - MISSISSIPPI								
	19	2000CST			0	0			FLOOD
	30	2359CST							
The Mississippi River crested at 35.9 feet at Cape Girardeau on June 25. Flood stage there is 32 feet. This resulted in minor to moderate flooding of agricultural bottomland.									
WAYNE County SILVA	19	2220CST			0	0			THUNDERSTORM WIND (G52)
Spotters estimated wind gusts to 60 MPH.									
CARTER County VAN BUREN	19	2256CST			0	0			Hail (1.00)
WAYNE County WAPPAPELLO	19	2305CST			0	0			THUNDERSTORM WIND (G50)
County sheriff deputies estimated gusts to 58 MPH. Power outages were common.									
STODDARD County PUXICO	19	2335CST			0	0			THUNDERSTORM WIND (G52)
Wind gusts to 60 MPH and half inch hail occurred.									
BUTLER County POPLAR BLUFF	19	2346CST			0	0			THUNDERSTORM WIND (G54)
Wind gusts up to 65 MPH were reported.									
BUTLER County POPLAR BLUFF	20	0009CST			0	0			Hail (1.00)
BUTLER County POPLAR BLUFF	20	0009CST			0	0	8K		THUNDERSTORM WIND (G52)
Wind gusts around 60 MPH downed numerous trees in and around Poplar Bluff.									
BUTLER County POPLAR BLUFF	20	0030CST 1400CST			0	0	30K		FLASH FLOOD
Persistent thunderstorms during the early morning hours produced very heavy rainfall amounts, estimated by radar over 5 inches in isolated spots. Flooding of roads became commonplace, and some roads were closed for extended periods.									



National Weather Service

Storm Data and Unusual Weather Phenomena



June 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

MISSOURI, Southeast

MOZ100

WAYNE

20 0800CST
1900CST

0 0

FLOOD

The St. Francis River crested a few inches above the 16-foot flood stage at Patterson. Minor flooding of adjacent lowlands in parks and farm fields occurred.

WAYNE County

PATTERSON

20 1045CST
1500CST

0 0

FLASH FLOOD

Persistent thunderstorms during the morning produced flooding rains. The St. Francis River rose rapidly and threatened Route 34 for a time. Water was reported over a road south of Greenville.